

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063526.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 21:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 03 01:11:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:33:18 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.529	3184771	20.124 ug/ml
Spiked Amount	50.000	Recovery =	40.25%
12) S 1-chlorooctadecane (S...	12.967	2169712	20.090 ug/ml
Spiked Amount	50.000	Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.297	2663448	20.215 ug/ml
2) T n-Decane (C10)	4.364	2690602	20.278 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2793888	20.493 ug/ml
4) T n-Dodecane (C12)	6.382	2686468	20.273 ug/ml
5) T A~2-methylnaphthalene...	7.006	2643417	20.633 ug/ml
6) T n-Tetradecane (C14)	8.177	2634906	20.525 ug/ml
7) T n-Hexadecane (C16)	9.777	2704189	20.366 ug/ml
8) T n-Octadecane (C18)	11.217	2765834	20.312 ug/ml
10) T n-Eicosane (C20)	12.524	2653899	20.188 ug/ml
11) T n-Heneicosane (C21)	13.135	2615731	20.193 ug/ml
13) T n-Docosane (C22)	13.722	2604517	20.186 ug/ml
14) T n-Tetracosane (C24)	14.822	2635649	20.152 ug/ml
15) T n-Hexacosane (C26)	15.839	2596157	20.149 ug/ml
16) T n-Octacosane (C28)	16.787	2557319	20.090 ug/ml
17) T n-Tricontane (C30)	17.672	2600397	19.984 ug/ml
18) T n-Dotriacontane (C32)	18.503	2547646	19.771 ug/ml
19) T n-Tetratriacontane (C34)	19.285	2455101	19.591 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2296515	19.395 ug/ml
21) T n-Octatriacontane (C38)	20.750	2129266	18.221 ug/ml
22) T n-Tetracontane (C40)	21.647	1883354	16.609 ug/ml

(f)=RT Delta > 1/2 Window

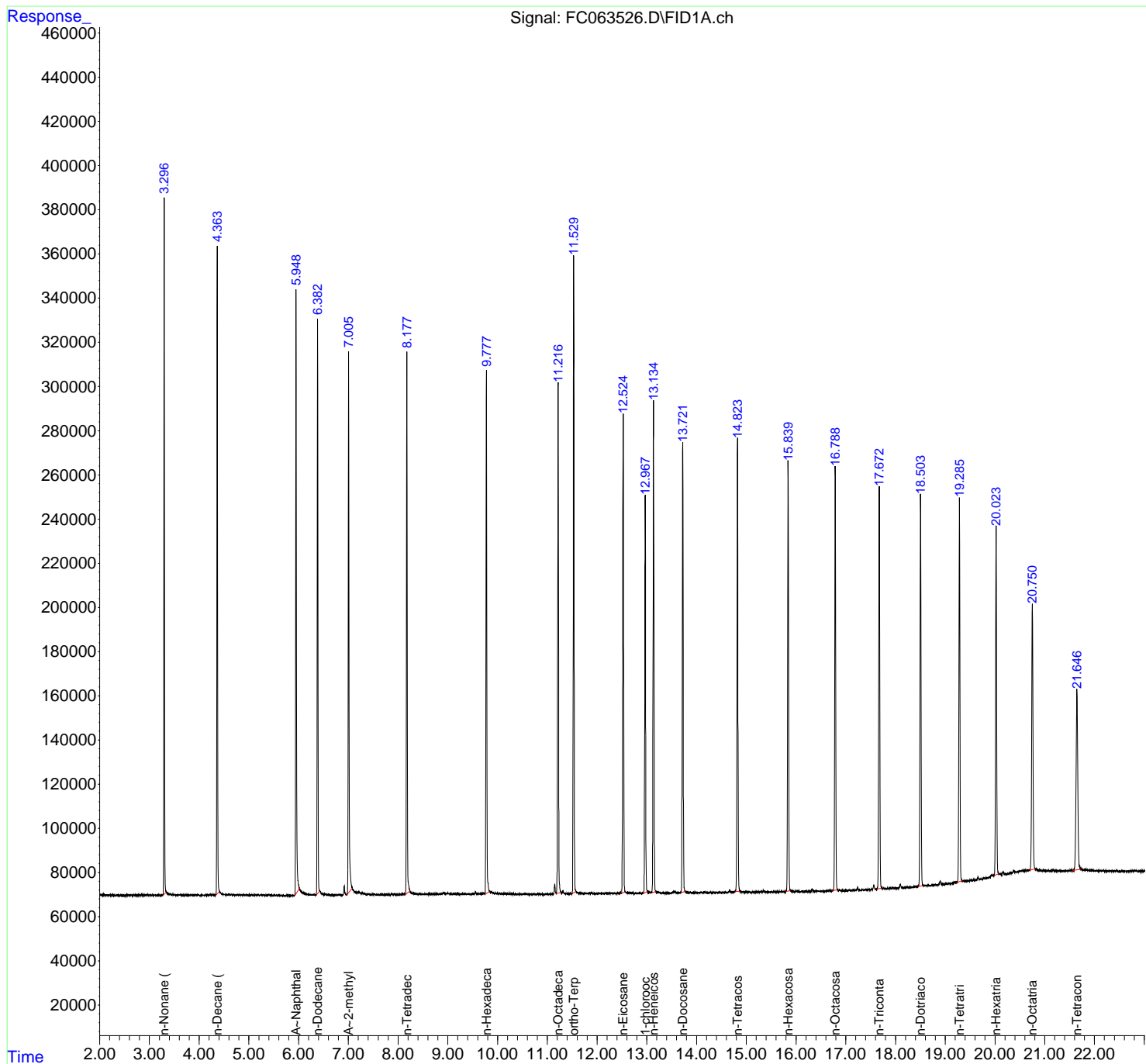
(m)=manual int.

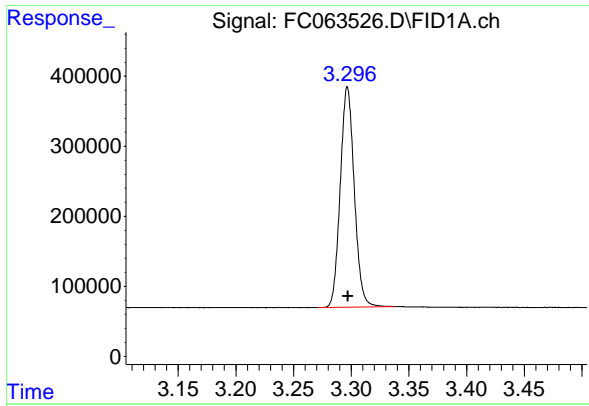
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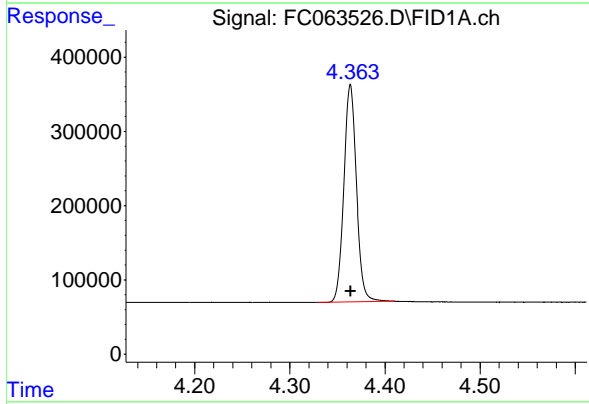




#1 n-Nonane (C9)

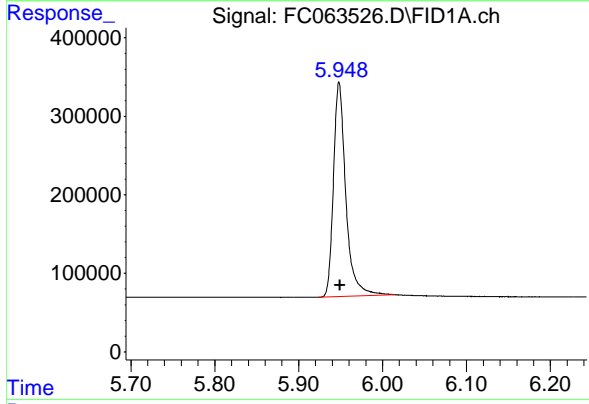
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 2663448
Conc: 20.21 ug/ml

Instrument :
FID_C
ClientSampleId :



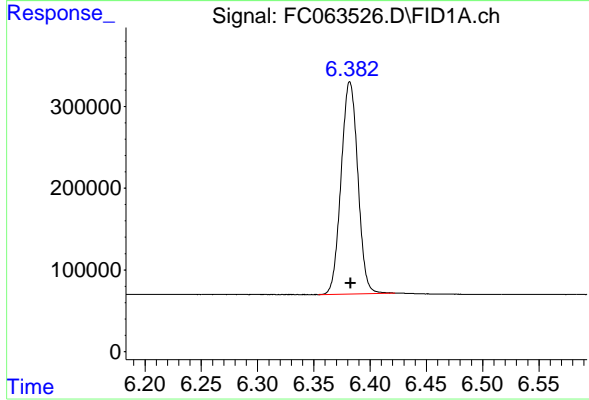
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 2690602
Conc: 20.28 ug/ml



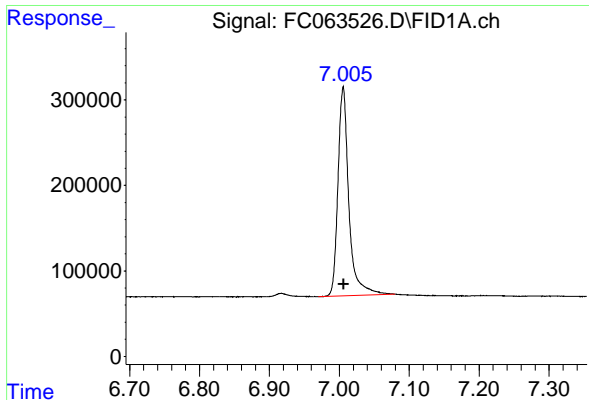
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 2793888
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

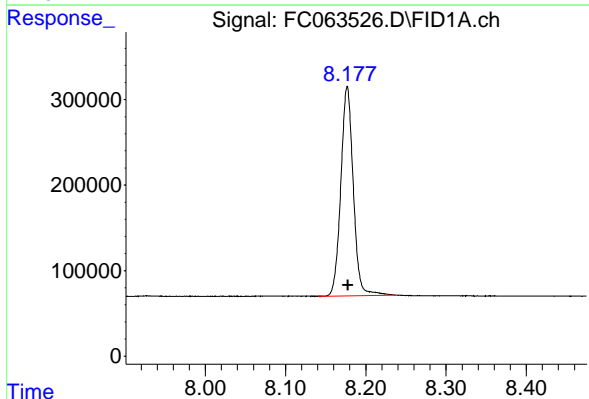
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2686468
Conc: 20.27 ug/ml



#5 A~2-methylnaphthalene (C12.89)

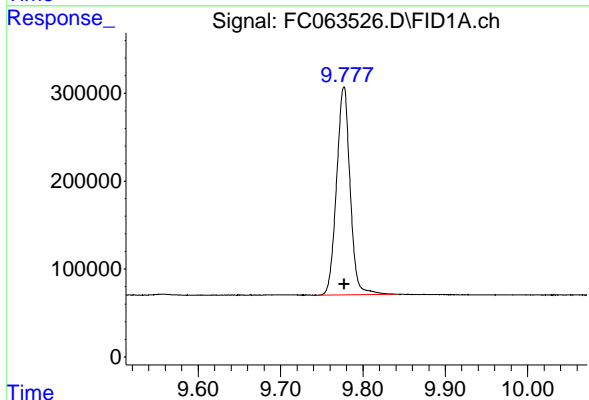
R.T.: 7.006 min
 Delta R.T.: 0.000 min
 Response: 2643417
 Conc: 20.63 ug/ml

Instrument :
 FID_C
 ClientSampleId :



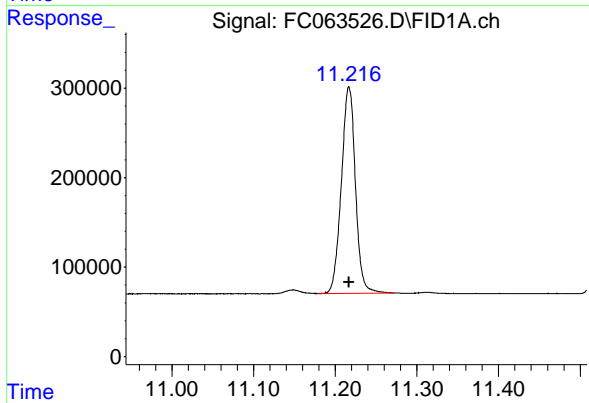
#6 n-Tetradecane (C14)

R.T.: 8.177 min
 Delta R.T.: 0.000 min
 Response: 2634906
 Conc: 20.53 ug/ml



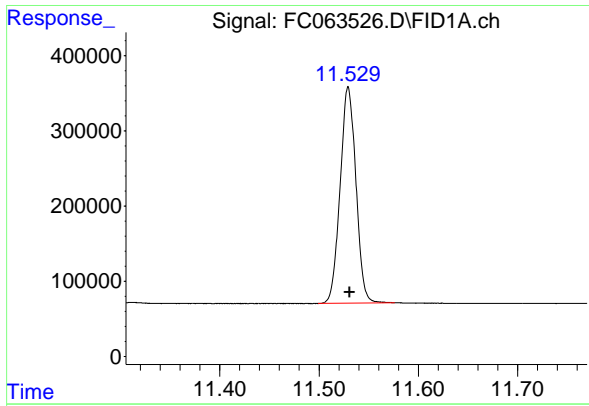
#7 n-Hexadecane (C16)

R.T.: 9.777 min
 Delta R.T.: 0.000 min
 Response: 2704189
 Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

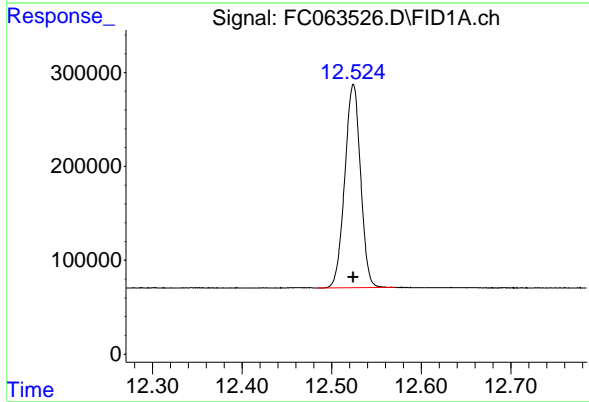
R.T.: 11.217 min
 Delta R.T.: 0.000 min
 Response: 2765834
 Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

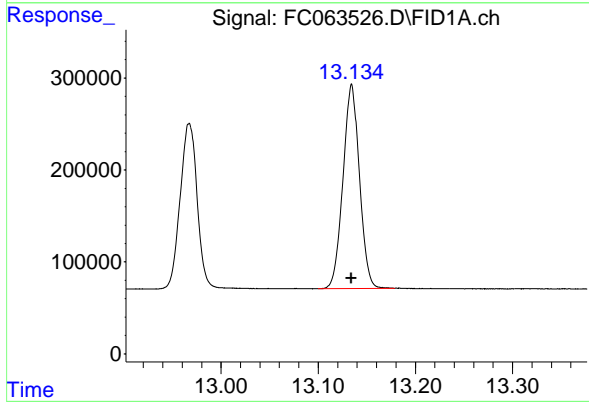
R.T.: 11.529 min
 Delta R.T.: -0.002 min
 Response: 3184771
 Conc: 20.12 ug/ml

Instrument :
 FID_C
 ClientSampleId :



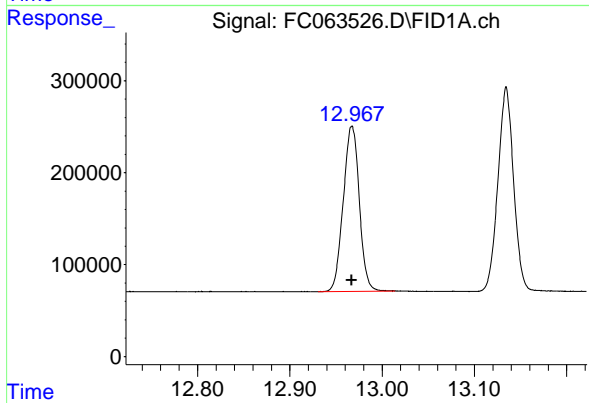
#10 n-Eicosane (C20)

R.T.: 12.524 min
 Delta R.T.: 0.000 min
 Response: 2653899
 Conc: 20.19 ug/ml



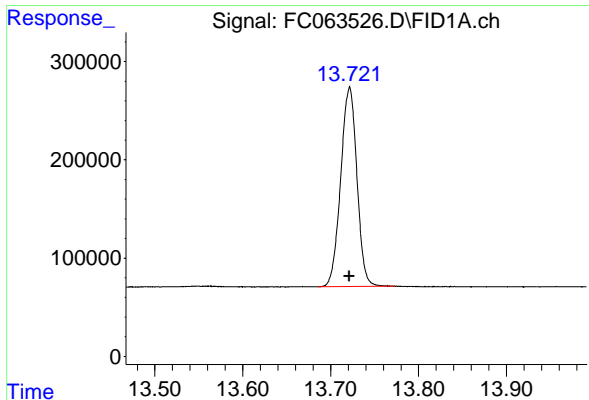
#11 n-Heneicosane (C21)

R.T.: 13.135 min
 Delta R.T.: 0.000 min
 Response: 2615731
 Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

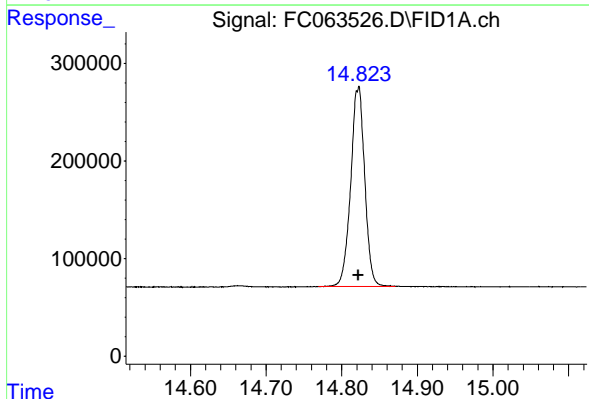
R.T.: 12.967 min
 Delta R.T.: 0.000 min
 Response: 2169712
 Conc: 20.09 ug/ml



#13 n-Docosane (C22)

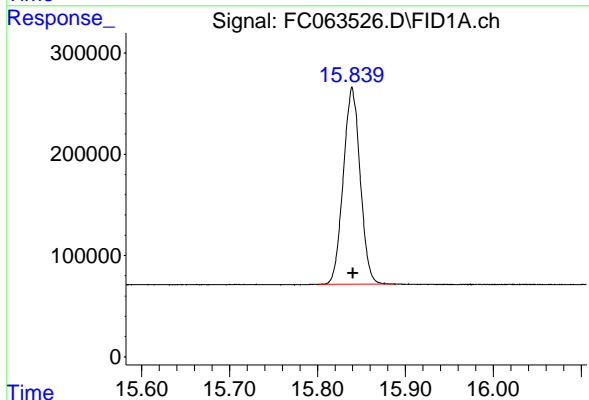
R.T.: 13.722 min
 Delta R.T.: 0.000 min
 Response: 2604517
 Conc: 20.19 ug/ml

Instrument :
 FID_C
 ClientSampleId :



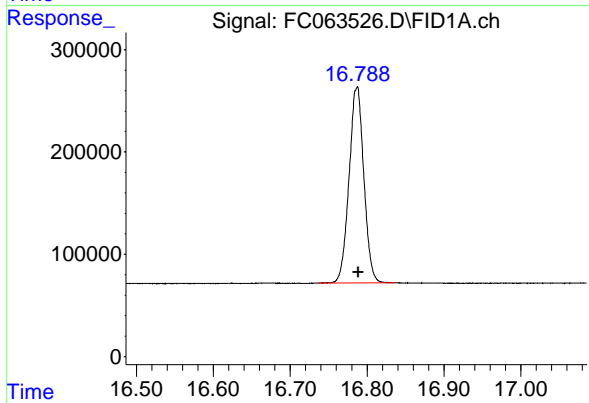
#14 n-Tetracosane (C24)

R.T.: 14.822 min
 Delta R.T.: 0.000 min
 Response: 2635649
 Conc: 20.15 ug/ml



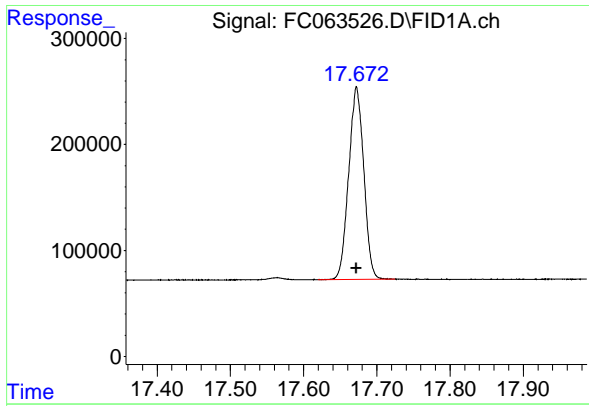
#15 n-Hexacosane (C26)

R.T.: 15.839 min
 Delta R.T.: 0.000 min
 Response: 2596157
 Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

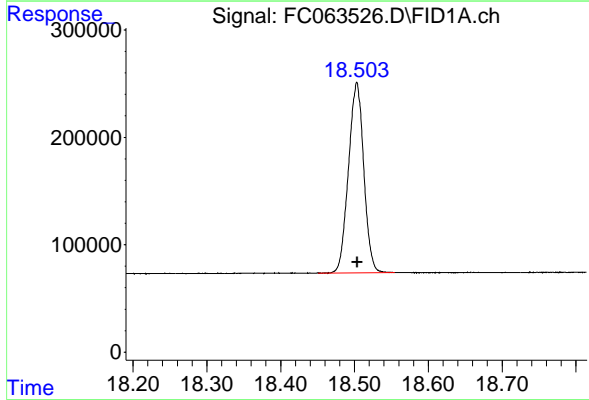
R.T.: 16.787 min
 Delta R.T.: -0.002 min
 Response: 2557319
 Conc: 20.09 ug/ml



#17 n-Tricontane (C30)

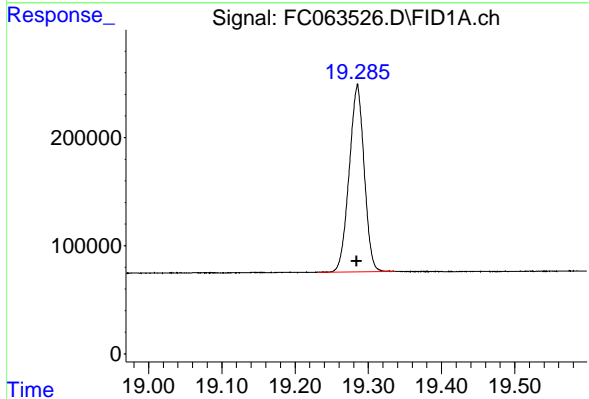
R.T.: 17.672 min
Delta R.T.: 0.000 min
Response: 2600397
Conc: 19.98 ug/ml

Instrument :
FID_C
ClientSampleId :



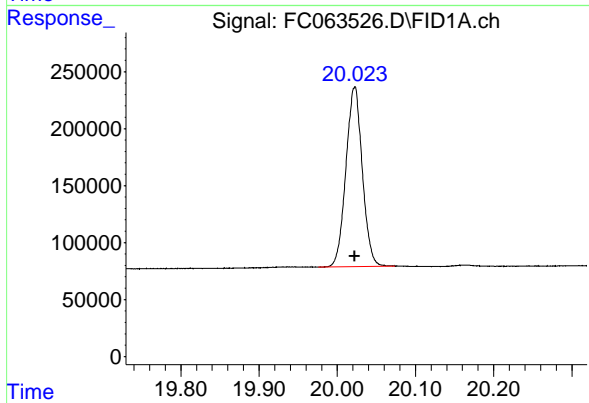
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.000 min
Response: 2547646
Conc: 19.77 ug/ml



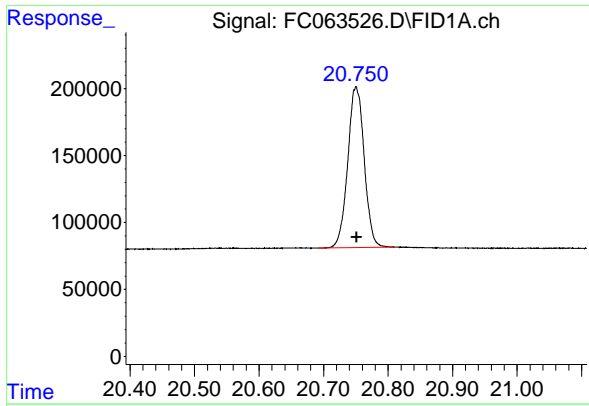
#19 n-Tetraatriacontane (C34)

R.T.: 19.285 min
Delta R.T.: 0.000 min
Response: 2455101
Conc: 19.59 ug/ml



#20 n-Hexatriacontane (C36)

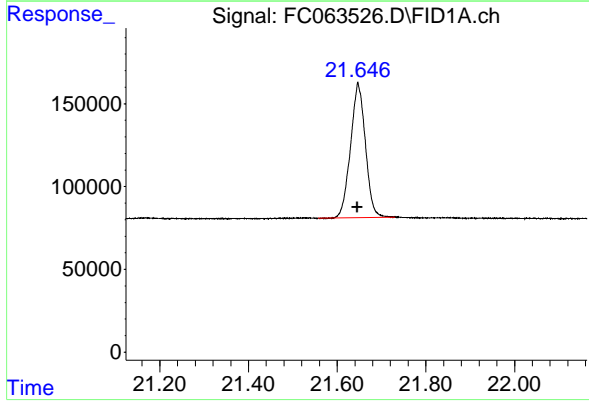
R.T.: 20.022 min
Delta R.T.: 0.000 min
Response: 2296515
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.002 min
Response: 2129266
Conc: 18.22 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: 0.001 min
Response: 1883354
Conc: 16.61 ug/ml